

ATTACHMENT A

Claims:

1. (currently amended) A method for determining clock skew in a packet-based ~~telephony~~ session comprising the steps of:
 - receiving a sequence of control packets from a remote ~~telephony~~ device
 - transmitting media packets in a ~~telephony~~ session; each control packet including a remote real time-stamp; and a remote media card clock time-stamp corresponding to the remote real time-stamp; and
 - determining from two or more of said received control packets a first relative rate of a remote media card clock to the remote real time rate.
2. (currently amended) A method according to claim 1 comprising the steps of:
 - transmitting a sequence of control packets from a local ~~telephony~~ device
 - transmitting media packets in a ~~telephony~~ session; each control packet including a local real time-stamp; and a local media card clock time-stamp corresponding to the local real time-stamp; and
 - determining from two or more of said transmitted control packets a second relative rate of a local media card clock to the local real-time rate.
3. (original) A method according to claim 2 comprising the step of:
 - synchronizing said local real time rate with said remote real time-rate.
4. (currently amended) A method according to claim 3 wherein said ~~telephony~~ devices communicate across an Internet Protocol (IP) network.
5. (original) A method according to claim 4 wherein said network is one of a LAN (Local Area Network) a WAN (Wide Area Network) or the Internet.

6. (original) A method according to claim 4 wherein said synchronisation employs the Network Time Protocol.
7. (original) A method according to claim 1 wherein said media packets are Realtime Transport Protocol (RTP) packets and wherein said control packets are RTP Control Protocol (RTCP) Sender Report (SR) packets.
8. (original) A method according to claim 2 further comprising the step of:
adjusting the contents of a buffer storing said media packets received from a transmitting device according to said first and second relative rates.
9. (currently amended) A method according to claim 3 further comprising the step of:
determining from a difference in time between local real time when a control packet is received and the remote real time-stamp of said control packet, a first approximation of one-way media packet delay; and
determining from said first relative rate and said first approximation a skew-corrected one-way media packet delay between ~~telephony~~ devices in said ~~telephony~~ session.
10. (currently amended) A method according to claim 9 further comprising the step of:
adjusting a playout strategy of said ~~telephony~~ session according to said skew-corrected one-way media packet delay.
11. (original) A method according to claim 1 wherein said real time-stamp is a system clock time.
12. (currently amended) An ~~telephony~~ application running in a ~~telephony~~ device arranged to perform the steps of claim 1.

13. (currently amended) A computer program product which when executed in a
~~telephony~~ device is arranged to perform the steps of claim 1.